

ABSTRACT

FRAME/MASK ASSEMBLY FOR A CATHODE RAY TUBE

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Cathode ray tube with colour selection mask comprising a frame (122) designed to hold the mask at a distance from the screen, the said frame of a noticeably rectangular shape has a pair of short parallel sides (120) of a noticeably L-shaped cross-section with a lateral flank (124) extending in a direction parallel to the longitudinal axis connected to a flange (125) noticeably perpendicular to the said longitudinal axis, the width of the flange of each short side is lower in the middle of the side than at its extremities such that the inner edge (130) of the flange defines a curve whose concavity is oriented toward the longitudinal axis of the tube.

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This frame structure improves the thermal behaviour of the frame/mask assembly and reduces the weight of the materials for producing the frame while maintaining a sufficient mechanical rigidity.

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FIG. 3A

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